

Appl. No. 09/870,030
Amdt. Dated January 15, 2004
Reply to Office action of October 15, 2003

Amendments to the Specification:

Please replace the fourth full paragraph on page 36, lines 25-36, with the following paragraph:

--For example, the closed space sections V1 and V2 relatively small, the varied diameter D of the inner surface of the fixed case member 501 and the cover member 504, and the same diameter of the oscillation body 505 cause the width η of the annular gap to be varied in response to the frequency f_h of the acoustic resonance and the constant resonance frequency f_o of the oscillation body 505. As will be seen from FIG. 16, the frequency f_h of the acoustic resonance is ~~reduced~~ increased to be saturated as the width η of the annular gap is increased. The fact that the frequency f_h of the acoustic resonance is ~~reduced~~ increased to be saturated as the width η of the annular gap is increased can be understood from the volume v of the chamber R and the area s of the nozzle H both of which is varied in previously mentioned equation representing the frequency f_h of acoustic resonance. From this fact, it will be appreciated that the frequency f_h of the acoustic resonance depends on the diameter of the oscillation body 505 when the width η of the annular gap has a certain range of value.--